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PHOTOGRAPHIC INTERPRETATION REPORT



VITAL RECORDS COPY

KAPUSTIN YAR/VLADIMIROVKA
MISSILE TEST CENTER
USSR

PROBABLE MISSILE ASSEMBLY
AND CHECKOUT AREA
AND
MISSILE RECEIVING
AND CHECKOUT AREA

25X1

APRIL 1967
COPY 116
8 PAGES

25X1

Declass Review by NIMA/DOD

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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PREFACE

This report is one of a series prepared under NPIC Project 11211/66, in response to CIA requirement C-DI5-82,975, which requests detailed line drawings, to scale, of selected elements of the Kapustin Yar/Vladimirovka Missile Test Center (KY/Vlad MTC, Figure 1). The basic layout of the selected elements contained in this and other associated reports was compiled from high-resolution photography. Individual reports will be updated periodically upon completion of the series, in order that changes may be reflected as they are observed on subsequent photography.

The precision target plots included in this report are mathematically rectified projections of the area. Plots are compiled by utilizing precision mensuration instruments, and image interpretation is performed with the aid of stereoscopic viewing equipment. Identifiable image points are measured and their coordinate values mathematically transformed by computer. This transformation corrects for camera and attitude (pitch, roll, and yaw) induced distortions, but does not correct for displacement due to ground relief and object height.

The horizontal and vertical dimensions included in these reports are accurate to within plus or minus 5 feet or plus or minus 5 percent, whichever is greater.

These target plots represent the most accurate data compiled to date, but the user is cautioned to exercise care in scaling distances or determining azimuths from these plots, because relief can introduce errors in distance and alignment.

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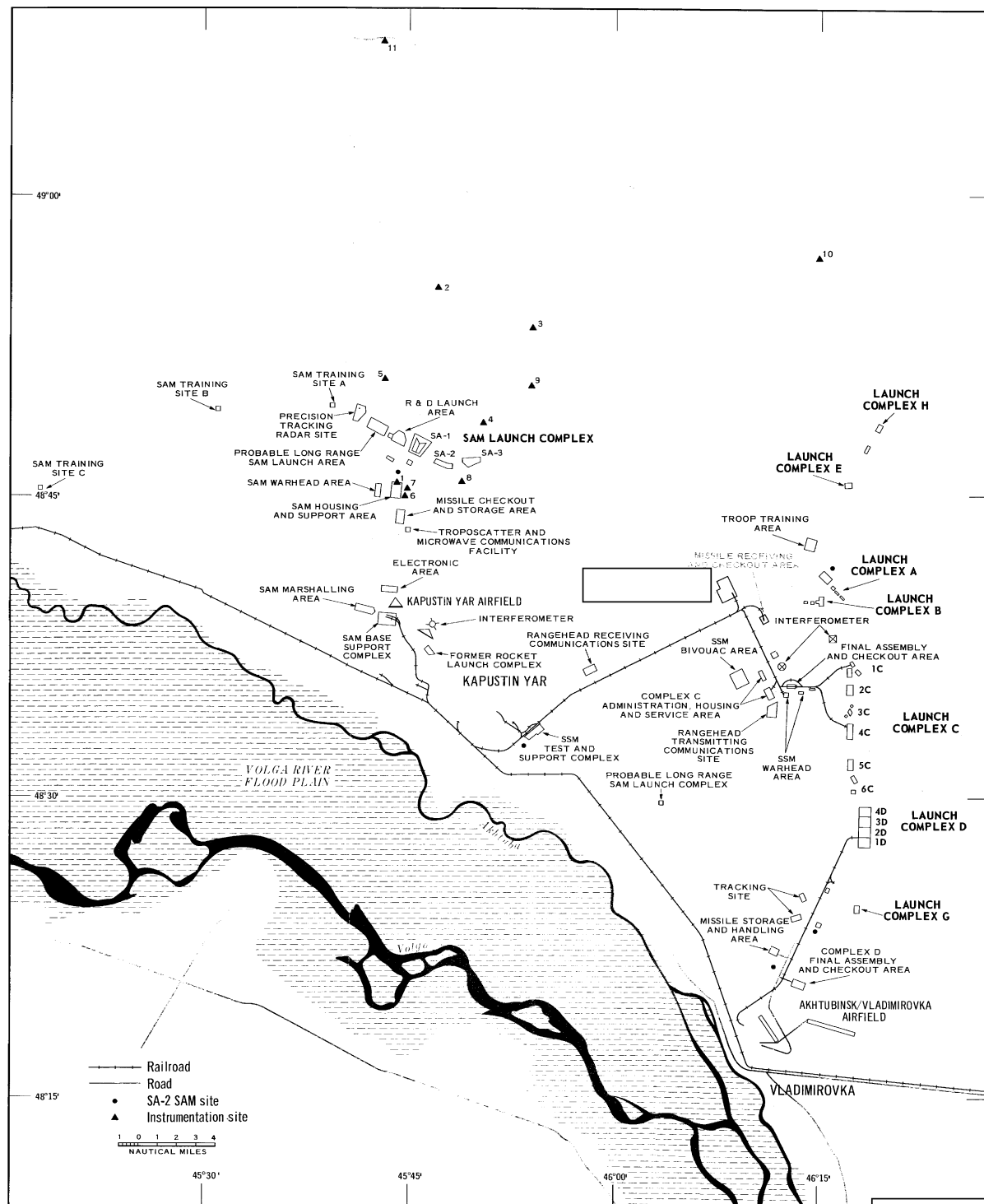


FIGURE 1. KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER.

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KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR**PROBABLE MISSILE ASSEMBLY AND CHECKOUT AREA,
AND
MISSILE RECEIVING AND CHECKOUT AREA****(48-40N 046-09E and 48-39N 046-10E)**

These 2 areas, because of their proximity and general construction chronology, have been combined in this report.

Probable Missile Assembly and Checkout Area

The Probable Missile Assembly and Checkout Area (Figures 2 and 3), which can be negated in [redacted] was first observed under construction in [redacted]. The initial construction phase was probably completed prior to [redacted] and then the area was enlarged to its present configuration during the period [redacted].

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This area, located 6 nautical miles (nm) northwest of the Complex C Operations Area is a double-fenced, rail- and road-served area consisting of 20 major buildings, 8 rail-served and 9 drive-through type, and several smaller structures.

The rail line serving the area enters the south side of the installation, adjacent to the road entrance, and terminates near the northern security fence. Three rail spurs, 2 on the east side and 1 on the west side, branch off the rail line, in the south-central portion of the installation. The 2 spurs on the east side of the rail line terminate in an open-sided building. The western rail spur terminates in a drive-through clerestory building. Two additional drive-through buildings are located adjacent to the west side of the clerestory building. These 2 buildings are not rail served.

A small support area is located immediately north of these buildings, consisting of an administration building, a heating plant, a small drive-in building, and 2 support buildings.

Several rail spurs branch off the rail line in the north-central portion of the installation, where they provide service to a group of 5 parallel buildings on a loop road pattern. The 2 eastern buildings are drive through, in addition to being rail served. Two of the center buildings are in line, with a rail spur going through the southern building and terminating in the northern building. The road enters opposing ends of the buildings but does not interconnect the two. The westernmost building in the group of 5 buildings is served by 4 rail spurs which terminate inside the building. An earthen embankment is located along the east side of the building. A drive-through, high-bay building is located on the rail line between this group of buildings and the previously mentioned support area.

The newer portion of the assembly and checkout area consists of a rail- and road-served building located in the northwest corner of the installation and 5 large, drive-in buildings located in the southwest corner of the area. Three of the 5 buildings are isolated by an earthen embankment. Buried heat lines connect the newer areas with the centrally located heating plant.

Missile Receiving and Checkout Area

The Missile Receiving and Checkout Area (formerly the [redacted] which can be negated in [redacted] was first observed under construction in [redacted].

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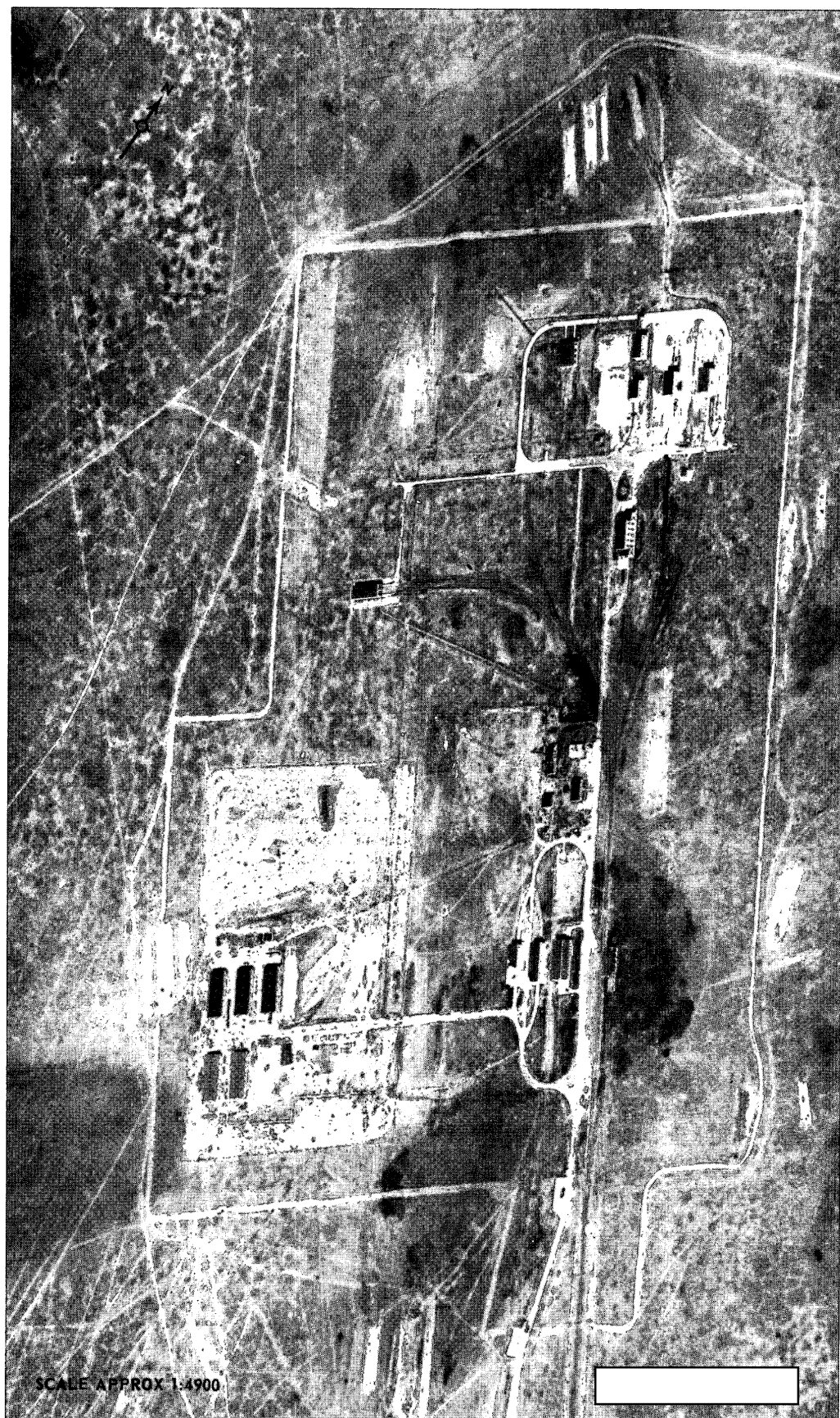


FIGURE 2. PROBABLE MISSILE ASSEMBLY AND CHECKOUT AREA, KY/VLAD MTC.

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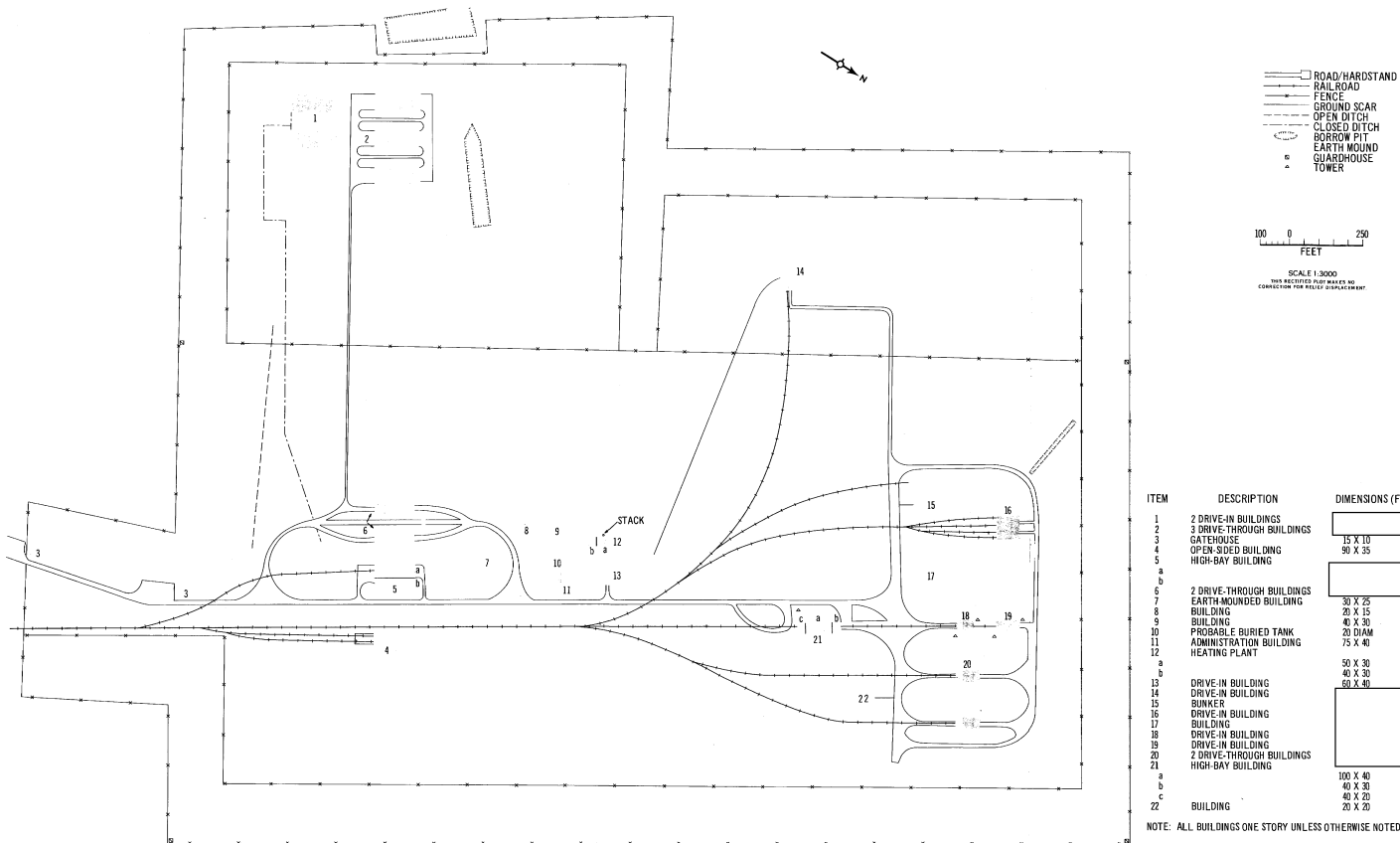


FIGURE 3. RECTIFIED PLOT, PROBABLE MISSILE ASSEMBLY AND CHECKOUT AREA.

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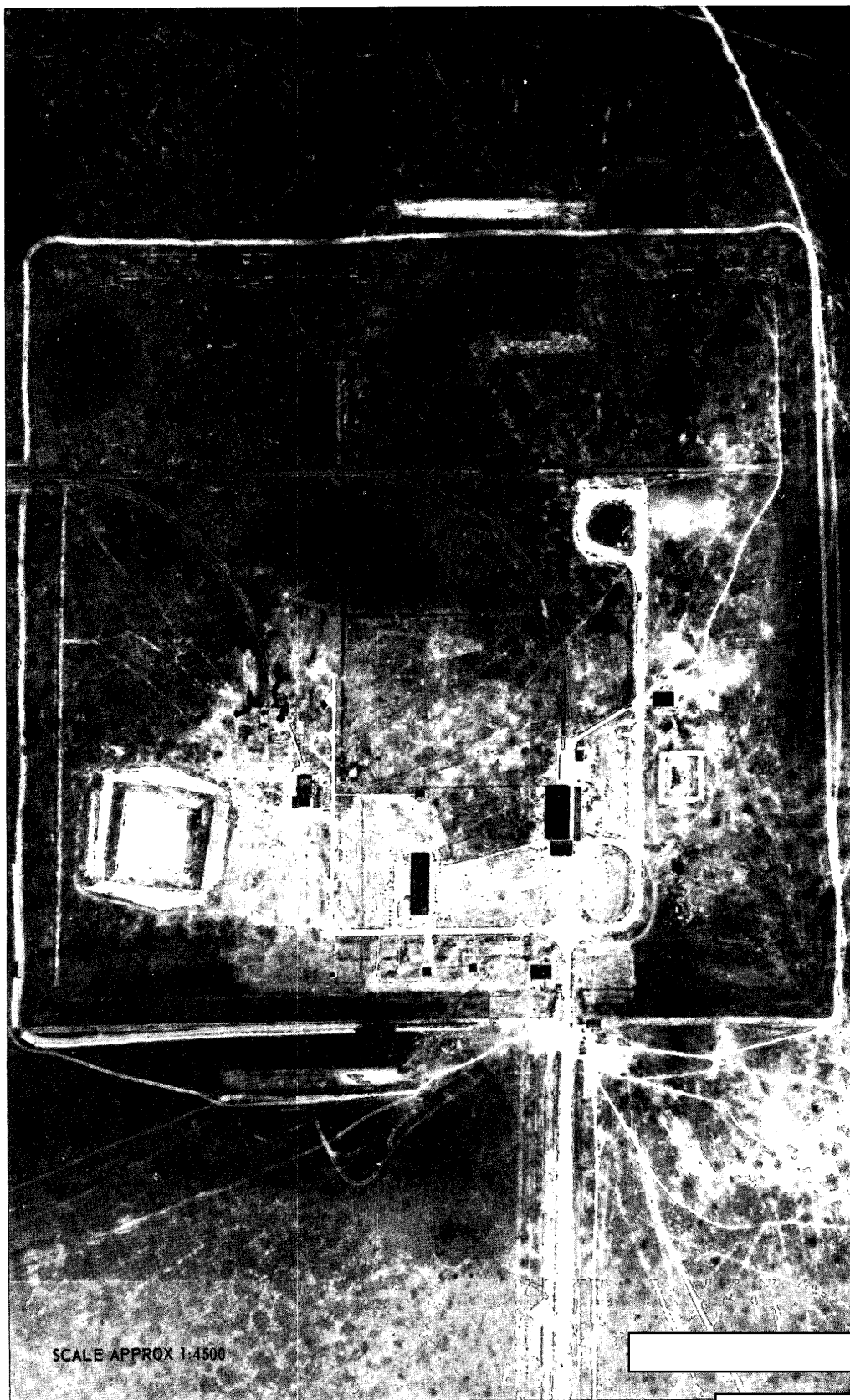
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FIGURE 4. MISSILE RECEIVING AND CHECKOUT AREA, KY/VLAD MTC.

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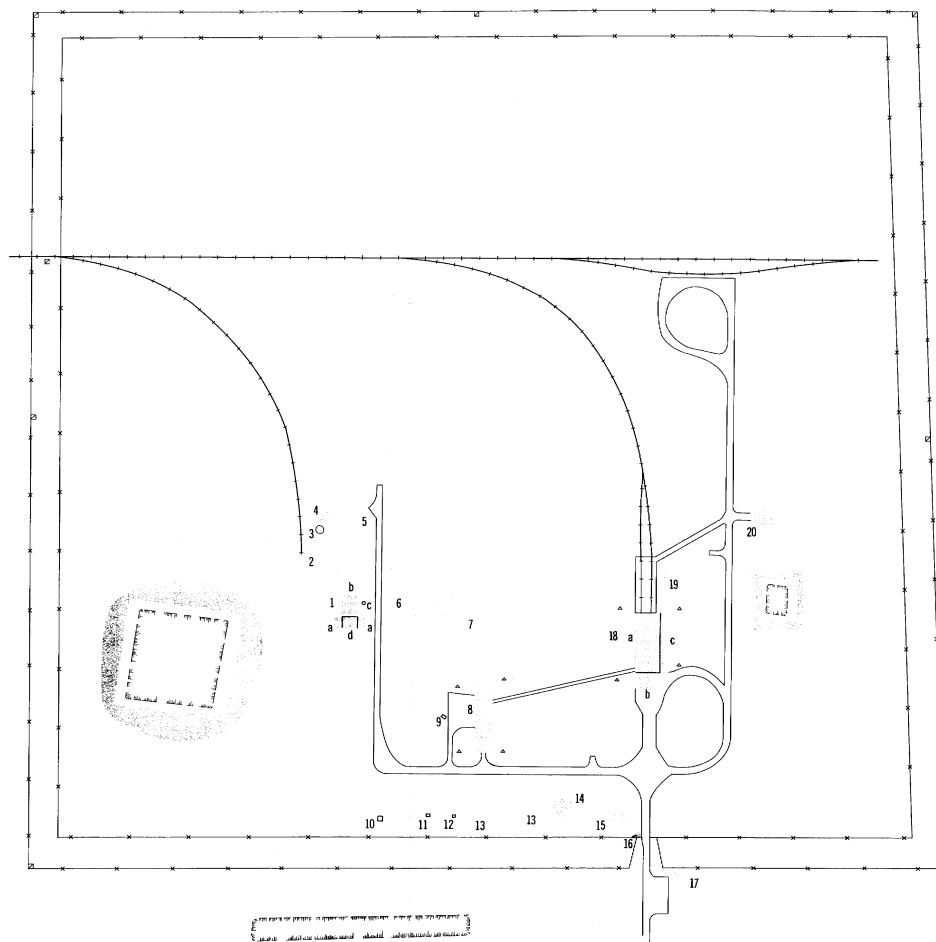
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ITEM	DESCRIPTION	DIMENSIONS (FT)
1	HEATPLANT	
a		
b		
c		
d		
2	STACK	
3	BUILDING	25 DIAM
4	TANK	30 X 20*
5	BUILDING	
6	BUILDING	15 X 15
7	BUILDING	
8	BUILDING	
9	STRUCTURE	
10	STRUCTURE	
11	STRUCTURE	
12	STRUCTURE	
13	2 BUILDINGS	
14	BURIED STRUCTURE	
15	ADMINISTRATION BUILDING	60 X 40
16	GATEHOUSE	15 X 15
17	SECURITY BUILDING	
18	HIGH-BAY CHECKOUT BUILDING	
a		160 X 70
b		70 X 45
c		160 X 20
19	SUPPORT BUILDING	
20	SUPPORT BUILDING	

NOTE: ALL BUILDINGS ARE ONE STORY UNLESS OTHERWISE NOTED.
*OVERALL DIMENSION.

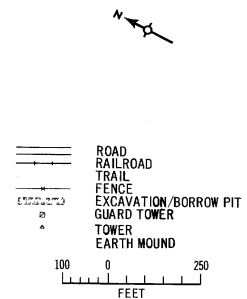


FIGURE 5. RECTIFIED PLOT, MISSILE RECEIVING AND CHECKOUT AREA.

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The Missile Receiving and Checkout Area (Figures 4 and 5), located 4.5 nm northwest of the Complex C Operations Area, is a double-fenced rail-and road-served area with 14 structures of varying size and function. The area can be compared with the Missile Receiving and Checkout Area at the Plesetsk Missile and Space Center because of similar size and function of the rail-served, high-bay building and an adjacent multistory building. Several other miscellaneous features appear to be similar.

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The largest structure at the installation is a rail-served, high-bay building on a loop road pattern in the southwest corner of the installation. A tall tower is located near each corner of the building. A second large, multistory building is located immediately west of the high-bay building. A loading platform occupies the major portion of the northwest side of this building. Five small structures and an earth-mounded structure parallel the northwest security fence. Two large excavations are located in the northwest corner and south side of the installation, respectively. Additional structures at the installation consist of a gatehouse and an administration building, located near the entrance to the area, a heating plant and associated facilities located near the center of the area, and several additional support structures.

REFERENCES

25X1

RELATED DOCUMENT

NPIC. R-5113/64, *Launch Complex C, Kapustin Yar/Vladimirovka Missile Test Center, USSR*, Dec 64 (TOP SECRET)

REQUIREMENT

CIA. C-DI5-82,975

NPIC PROJECT

11211/66 (partial answer)

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